

**Table 3 - The Patterson / Del Puerto Creek Groundwater Recharge and Water Resources Project Estimated Budget**

		Assumed average hourly rate				
		\$ 150				
Task	Description	Hours	Cost	Funding Match	Requested Grant Funding	Total
1	Define Local Groundwater Conditions and Recharge Possibilities					
1.1	QA/QC Plan	68	\$ 10,200	\$ 10,200	\$ -	\$ 10,200
1.2	Library research on well data	40	\$ 6,000	\$ 1,600	\$ 4,400	\$ 6,000
1.3	Hydraulic Model of Groundwater basin	200	\$ 30,000		\$ 30,000	\$ 30,000
1.4	Water quality sampling and summary	80	\$ 12,000	\$ 12,000	\$ -	\$ 12,000
1.5	Soil Borings (4 x 4 =16 at \$2500 each )		\$ 20,000		\$ 20,000	\$ 20,000
1.6	Drilling Sub		\$ 40,000	\$ 40,000	\$ -	\$ 40,000
1.7	Testing Sub		\$ 20,000		\$ 20,000	\$ 20,000
1.8	Recommendations	60	\$ 9,000		\$ 9,000	\$ 9,000
		<b>380</b>	<b>\$ 137,000</b>	<b>\$ 53,600</b>	<b>\$ 83,400</b>	<b>\$ 137,000</b>
2	Drainage					
2.1	Review of Drainage Sheds	80	\$ 12,000		\$ 12,000	\$ 12,000
2.2	Detail specific issues for each Shed	32	\$ 4,800		\$ 4,800	\$ 4,800
2.3	Recommendations	24	\$ 3,600		\$ 3,600	\$ 3,600
		<b>136</b>	<b>\$ 20,400</b>	<b>\$ -</b>	<b>\$ 20,400</b>	<b>\$ 20,400</b>
3	Demands					
3.1a	Current- Each agency	20	\$ 3,000		\$ 3,000	\$ 3,000
3.1b	Future - Each Agency	40	\$ 6,000		\$ 6,000	\$ 6,000
3.2	Recommendations	20	\$ 3,000		\$ 3,000	\$ 3,000
		<b>80</b>	<b>\$ 12,000</b>	<b>\$ -</b>	<b>\$ 12,000</b>	<b>\$ 12,000</b>
4	Water Rights in Area					
4.1	Define water rights and demands by purveyor	48	\$ 7,200		\$ 7,200	\$ 7,200
4.2	Additional Supplies	16	\$ 2,400		\$ 2,400	\$ 2,400
4.3	Supply reliability	4	\$ 600		\$ 600	\$ 600
4.4	Summary and recommendations	16	\$ 2,400		\$ 2,400	\$ 2,400
		<b>84</b>	<b>\$ 12,600</b>	<b>\$ -</b>	<b>\$ 12,600</b>	<b>\$ 12,600</b>
5	Facilities					
5.1	Define each agencies existing facilities	40	\$ 6,000		\$ 6,000	\$ 6,000
5.2	Identify Capacity limitations and availability	24	\$ 3,600		\$ 3,600	\$ 3,600
5.3	Define planned facilities from City master plan efforts and others.	16	\$ 2,400		\$ 2,400	\$ 2,400
5.4	Meet with regulatory agencies	80	\$ 12,000		\$ 12,000	\$ 12,000
5.5	Recommendations	44	\$ 6,600	\$ 4,200	\$ 2,400	\$ 6,600
		<b>204</b>	<b>\$ 30,600</b>	<b>\$ 4,200</b>	<b>\$ 26,400</b>	<b>\$ 30,600</b>
6	Recommendations and Conclusions					
6.1	review of project data with project participants	16	\$ 2,400		\$ 2,400	\$ 2,400
6.2	Recommendations on banking program, yields	24	\$ 3,600		\$ 3,600	\$ 3,600
6.2	Recommendations on facilities needed	80	\$ 12,000		\$ 12,000	\$ 12,000
6.2	recommendations on supplemental environmental work	24	\$ 3,600		\$ 3,600	\$ 3,600
		<b>144</b>	<b>\$ 21,600</b>	<b>\$ -</b>	<b>\$ 21,600</b>	<b>\$ 21,600</b>
7	Cost Estimates					
7.1	cost, schedule, permits and environmental estimates forea infrast.	40	\$ 6,000		\$ 6,000	\$ 6,000
7.2	fair share funding costs for all project participants	32	\$ 4,800		\$ 4,800	\$ 4,800
7.3	Operations and ownership	40	\$ 6,000		\$ 6,000	\$ 6,000
7.4	Economic impact study (assumed subconsultant)		\$ 40,000		\$ 40,000	\$ 40,000
7.5	Report	80	\$ 12,000		\$ 12,000	\$ 12,000
		<b>192</b>	<b>\$ 68,800</b>	<b>\$ -</b>	<b>\$ 68,800</b>	<b>\$ 68,800</b>
8	Environmental Review					
8.1	Recommendations for each water sheds	48	\$ 7,200	\$ 2,400	\$ 4,800	\$ 7,200
8.1	Recommendations on banking program, yields	24	\$ 3,600	\$ 3,600	\$ -	\$ 3,600
8.1	Recommendations on facilities needed	100	\$ 15,000	\$ 15,000	\$ -	\$ 15,000
8.1	Report	100	\$ 15,000	\$ 15,000	\$ -	\$ 15,000
		<b>272</b>	<b>\$ 40,800</b>	<b>\$ 36,000</b>	<b>\$ 4,800</b>	<b>\$ 40,800</b>
9	Project Management					
9.1	stakeholder meetings (assume 8 - kick off and then every 8 weeks)	100	\$ 15,000	\$ 15,000	\$ -	\$ 15,000
9.2	Boards, Councils and supervisor updates (assume 20)	100	\$ 15,000	\$ 15,000	\$ -	\$ 15,000
9.3	Administration and schedule	80	\$ 12,000	\$ 12,000	\$ -	\$ 12,000
9.4	Website, creation and maintenance (assumed cost)		\$ 20,000	\$ 20,000	\$ -	\$ 20,000
		<b>280</b>	<b>\$ 62,000</b>	<b>\$ 62,000</b>	<b>\$ -</b>	<b>\$ 62,000</b>
Subtotal tasks 1-9		<b>1,772</b>	<b>405,800</b>	<b>155,800</b>	<b>250,000</b>	<b>405,800</b>
Other project costs						
Grant proposal (contact wth H2O Group)			\$ 11,000	\$ 11,000	\$ -	\$ 11,000
DWR grant selection and processing costs			\$ 10,000	\$ 10,000	\$ -	\$ 10,000
Request for proposals, proposal review, interviews consultant selection			\$ 8,000	\$ 8,000	\$ -	\$ 8,000
			<b>\$ 29,000</b>	<b>\$ 29,000</b>	<b>\$ -</b>	<b>\$ 29,000</b>
<b>Totals</b>		<b>1,772</b>	<b>\$ 434,800</b>	<b>\$ 184,800</b>	<b>\$ 250,000</b>	<b>\$ 434,800</b>